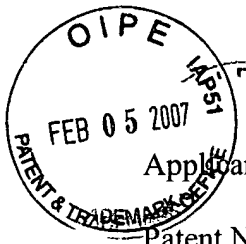


09/768,748.



PATENT  
Docket No. 285.0021 0101  
CPC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): SHARMA et al.  
Patent No.: 7,082,106 B2  
Issued: July 25, 2006  
For: COMPUTER-BASED MULTI-MEDIA COMMUNICATIONS SYSTEM  
AND METHOD

REQUEST FOR CERTIFICATE OF CORRECTION **Certificate**

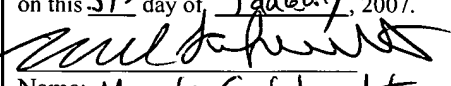
**Attention Certificate of Correction Branch**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FEB 08 2007  
**of Correction**

Sir:


A Certificate of Correction is requested to be issued correcting errors appearing in the above-identified United States patent. Two copies of the text noting the corrections for the Certificate are enclosed. Since some of the errors listed are due to Applicants' mistake, please charge to PTO Deposit Account 13-4895 the amount of \$100 to cover the Certificate fee under 37 C.F.R. §1.20(a). Applicant believes that the corrections in the proposed Certificate of Correction do not involve such changes in the patent as would constitute new matter or would require reexamination.

Please mail the printed Certificate of Correction to the undersigned attorney.

<p>CERTIFICATE UNDER 37 C.F.R. 1.8:</p> <p>The undersigned hereby certifies that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this <u>31<sup>st</sup></u> day of <u>January</u>, 2007.</p> <p> Name: <u>Mark Gebhardt</u></p>
--

31 January 2007  
Date

Respectfully submitted  
By  
Mueting, Raasch & Gebhardt, P.A.  
P.O. Box 581415  
Minneapolis, MN 55458-1415  
Phone: (612) 305-1220  
Facsimile: (612) 305-1228  
Customer Number 26813

By:   
Mark J. Gebhardt  
Reg. No. 35,518  
Direct Dial (612) 305-1216

FEB 12 2007

02/06/2007 RHEBKAHT 00000110 134895 7082106  
01 FC:1811 100.00 DA



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): SHARMA ET AL.

Patent No.: 7,082,106 B2

Issued: July 25, 2006

Docket No.: 285.0021 0101

Title: COMPUTER-BASED MULTI-MEDIA COMMUNICATIONS SYSTEM AND METHOD

**CERTIFICATE OF CORRECTION BRANCH**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

☒ **An itemized return postcard.**

☐ A check in the amount of \$\_\_, representing \_\_.

☐ A certified copy of a \_\_ application, Serial No. \_\_, filed \_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.

☒ **Other: REQUEST FOR CERTIFICATE OF CORRECTION (1 PG); CERTIFICATE OF CORRECTION (3 PGS IN DUPLICATE).**

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$25 =	
Independent Claims				x \$100 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$180 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

**CERTIFICATE UNDER 37 C.F.R. §1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: **CERTIFICATE OF CORRECTION BRANCH**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 31<sup>st</sup> day of January, 2007.

MUETING, RAASCH & GEBHARDT, P.A.

Customer Number: 26813

By: 

Name: Mark J. Gebhardt

Reg. No.: 35,518

Direct Dial: 612-305-1216

Facsimile: 612-305-1228

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.8)

FEB 12 2007



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): SHARMA ET AL.

Patent No.: 7,082,106 B2

Issued: July 25, 2006

Docket No.: 285.0021 0101

Title: COMPUTER-BASED MULTI-MEDIA COMMUNICATIONS SYSTEM AND METHOD

**CERTIFICATE OF CORRECTION BRANCH**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ **An itemized return postcard.**  
☐ A check in the amount of \$\_\_, representing \_\_\_\_.  
☐ A certified copy of a \_\_ application, Serial No. \_\_, filed \_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.  
☒ **Other: REQUEST FOR CERTIFICATE OF CORRECTION (1 PG); CERTIFICATE OF CORRECTION (3 PGS IN DUPLICATE).**

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$25 =	
Independent Claims				x \$100 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$180 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

**CERTIFICATE UNDER 37 C.F.R. §1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: **CERTIFICATE OF CORRECTION BRANCH**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 31<sup>st</sup> day of January, 2007.

MUETING, RAASCH & GEBHARDT, P.A.

Customer Number: 26813

By: 

Name: Mark J. Gebhardt

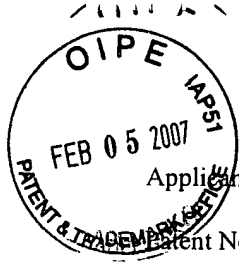
Reg. No.: 35,518

Direct Dial: 612-305-1216

Facsimile: 612-305-1228

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.8)

FEB 12 2007



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): SHARMA ET AL.

Patent No.: 7,082,106 B2

Issued: July 25, 2006

Docket No.: 285.0021 0101

Title: COMPUTER-BASED MULTI-MEDIA COMMUNICATIONS SYSTEM AND METHOD

**CERTIFICATE OF CORRECTION BRANCH**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ **An itemized return postcard.**  
☐ A check in the amount of \$\_\_, representing \_\_\_\_.  
☐ A certified copy of a \_\_ application, Serial No. \_\_, filed \_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.  
☒ **Other: REQUEST FOR CERTIFICATE OF CORRECTION (1 PG); CERTIFICATE OF CORRECTION (3 PGS IN DUPLICATE).**

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$25 =	
Independent Claims				x \$100 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$180 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

**CERTIFICATE UNDER 37 C.F.R. §1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: **CERTIFICATE OF CORRECTION BRANCH**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 31<sup>st</sup> day of January, 2007.

MUETING, RAASCH & GEBHARDT, P.A.

Customer Number: 26813

By: 

Name: Mark J. Gebhardt

Reg. No.: 35,518

Direct Dial: 612-305-1216

Facsimile: 612-305-1228

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.8)

**FEB 12 2007**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO.: 7,082,106 B2  
DATED: July 25, 2006  
INVENTOR(S): SHARMA et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**FACE PAGE, #56, REFERENCES CITED, U.S. PATENT DOCUMENTS**

insert --U.S. Patent 4,295,292 05/27/80 Kahn--  
insert --U.S. Patent 4,309,434 05/03/94 Maekawa--  
insert --U.S. Patent 5,288,026 07/13/93 Albrow et al.--

**COLUMN 4**

Line 62, delete "medial" and insert --media--  
Line 64, delete "medial" and insert --media--

**COLUMN 15**

Line 31, delete "103modems" and insert --103 modems--

**COLUMN 23**

Line 41, delete "over the over the" and insert --over the--

**COLUMN 25**

Line 24, after "stage" insert --1115--  
Line 67, delete "is" and insert --are--

**COLUMN 27**

Line 58, delete "a" and insert -- $\alpha$ --

**COLUMN 28**

Line 39, delete "T" and insert -- $\tau$ --

MAILING ADDRESS OF SENDER:

PATENT NO. 7,082,106 B2

MUETING, RAASCH & GEBHARDT, P.A.  
P.O. BOX 581415  
MINNEAPOLIS, MINNESOTA 55401  
Customer Number 26813

No. of add'l copies

Page 1 of 3

**FEB 12 2007**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO.: 7,082,106 B2  
DATED: July 25, 2006  
INVENTOR(S): SHARMA et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 31**

Line 9, delete " $x_i^2$ " and insert -- $x_i^2$ --

Line 10, delete " $y_i^2$ " and insert -- $y_i^2$ --

Line 26, delete "computer" and insert --computed--

**COLUMN 33**

Line 8, delete "y(n) from the microphone signal  $\hat{y}(n)$ " and insert -- $\hat{y}(n)$  from the microphone signal y(n)--

Line 17, delete " $h_i(n)$ " and insert -- $h_i(n)$ --

**COLUMN 35**

Line 8, delete "then" and insert --them--

**COLUMN 41**

Line 50, delete "form" and insert --from--

**COLUMN 43**

Line 44, delete ">"

**COLUMN 44**

Line 52, delete "short nbrOf Jobs;" and insert --short nbrOfJobs;--

**COLUMN 45**

Line 15, delete "struct\_sjobDesc {" and insert --struct s\_jobDesc{--

Line 32, delete "} tjobDesc," and insert --} t\_jobDesc,--

**COLUMN 47**

Lines 53-54, after "provide the combined outgoing multi-media" delete "to the line interface"

MAILING ADDRESS OF SENDER:

MUETING, RAASCH & GEBHARDT, P.A.  
P.O. BOX 581415  
MINNEAPOLIS, MINNESOTA 55401

Customer Number 26813

PATENT NO. 7,082,106 B2

No. of add'l copies

Page 2 of 3

**FEB 12 2007**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO.: 7,082,106 B2  
DATED: July 25, 2006  
INVENTOR(S): SHARMA et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 48**

Line 49, delete "farther" and insert --further--

**COLUMN 52**

Line 1, delete "w" and insert --to--

Line 9, delete "flue" and insert --the--

Line 36, delete "die" and insert --the--

**COLUMN 53**

Lines 64-65, delete "in Formation" and insert --information--

**COLUMN 54**

Line 60, delete "o" and insert --of--

MAILING ADDRESS OF SENDER:

PATENT NO. 7,082,106 B2

**MUETING, RAASCH & GEBHARDT, P.A.**  
**P.O. BOX 581415**  
**MINNEAPOLIS, MINNESOTA 55401**

No. of add'l copies

Customer Number 26813

Page 3 of 3

**FEB 12 2007**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO.: 7,082,106 B2  
DATED: July 25, 2006  
INVENTOR(S): SHARMA et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**FACE PAGE, #56, REFERENCES CITED, U.S. PATENT DOCUMENTS**

insert --U.S. Patent 4,295,292 05/27/80 Kahn--  
insert --U.S. Patent 4,309,434 05/03/94 Maekawa--  
insert --U.S. Patent 5,288,026 07/13/93 Albrow et al.--

**COLUMN 4**

Line 62, delete "medial" and insert --media--  
Line 64, delete "medial" and insert --media--

**COLUMN 15**

Line 31, delete "103modems" and insert --103 modems--

**COLUMN 23**

Line 41, delete "over the over the" and insert --over the--

**COLUMN 25**

Line 24, after "stage" insert --1115--  
Line 67, delete "is" and insert --are--

**COLUMN 27**

Line 58, delete "a" and insert -- $\alpha$ --

**COLUMN 28**

Line 39, delete "T" and insert -- $\tau$ --

MAILING ADDRESS OF SENDER:

MUETING, RAASCH & GEBHARDT, P.A.  
P.O. BOX 581415  
MINNEAPOLIS, MINNESOTA 55401  
Customer Number 26813

PATENT NO. 7,082,106 B2

No. of add'l copies

Page 1 of 3

**FEB 12 2007**



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO.: 7,082,106 B2  
DATED: July 25, 2006  
INVENTOR(S): SHARMA et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 31**

Line 9, delete " $x_i^2$ " and insert -- $x_i^2$ --

Line 10, delete " $y_i^2$ " and insert -- $y_i^2$ --

Line 26, delete "computer" and insert --computed--

**COLUMN 33**

Line 8, delete "y(n) from the microphone signal  $\hat{y}(n)$ " and insert -- $\hat{y}(n)$  from the microphone signal y(n)--

Line 17, delete " $h_i(n)$ " and insert -- $h_i(n)$ --

**COLUMN 35**

Line 8, delete "then" and insert --them--

**COLUMN 41**

Line 50, delete "form" and insert --from--

**COLUMN 43**

Line 44, delete ">"

**COLUMN 44**

Line 52, delete "short nbrOf Jobs;" and insert --short nbrOfJobs;--

**COLUMN 45**

Line 15, delete "struct\_sjobDesc {" and insert --struct s\_jobDesc{--

Line 32, delete "} tjobDesc," and insert --} t\_jobDesc,--

**COLUMN 47**

Lines 53-54, after "provide the combined outgoing multi-media" delete "to the line interface"

MAILING ADDRESS OF SENDER:

PATENT NO. 7,082,106 B2

MUETING, RAASCH & GEBHARDT, P.A.  
P.O. BOX 581415  
MINNEAPOLIS, MINNESOTA 55401

Customer Number 26813

No. of add'l copies

Page 2 of 3

FEB 12 2007

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO.: 7,082,106 B2  
DATED: July 25, 2006  
INVENTOR(S): SHARMA et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 48**

Line 49, delete "farther" and insert --further--

**COLUMN 52**

Line 1, delete "w" and insert --to--

Line 9, delete "flue" and insert --the--

Line 36, delete "die" and insert --the--

**COLUMN 53**

Lines 64-65, delete "in Formation" and insert --information--

**COLUMN 54**

Line 60, delete "o" and insert --of--

MAILING ADDRESS OF SENDER:

**MUETING, RAASCH & GEBHARDT, P.A.**  
**P.O. BOX 581415**  
**MINNEAPOLIS, MINNESOTA 55401**

Customer Number 26813

PATENT NO. 7,082,106 B2

No. of add'l copies

Page 3 of 3

**FEB 12 2007**